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REEL #82

Charvat, K.
to

U.S. AIR FORCE

CHARVAT, K.

Problems of direct biological control in infestations of bark beetles.
p. 12.

LES, Bratislava, Vol. 1, no. 3, Mar. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

CHARVAT, K.

CZECHOSLOVAKIA / General and Specialized Zoology. P
Insects. Physiology and Toxicology.

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 44730

Authors : Capek, M.; Charvat, K.; Patocka, J.

Inst : Not given

Title : The Study of the Fauna of the Crown of the Pubescent Oak (*Quercus Pubescens* Wild) State Preserve at Sturove Region (Southern Slovakia).

Orig Pub : Ochrana prirody, 1957, 12, No. 5, 144-145.

Abstract : A list is given of insects, the pupae, larvae or imagoes of which were found in the crowns of the pubescent oak. A list of parasites bred from larvae found in the preserve is given. A new species of the genus *Perisierola* was found.

Card 1/1

KOLAR, Jaromir; CHARVAT, Premysl

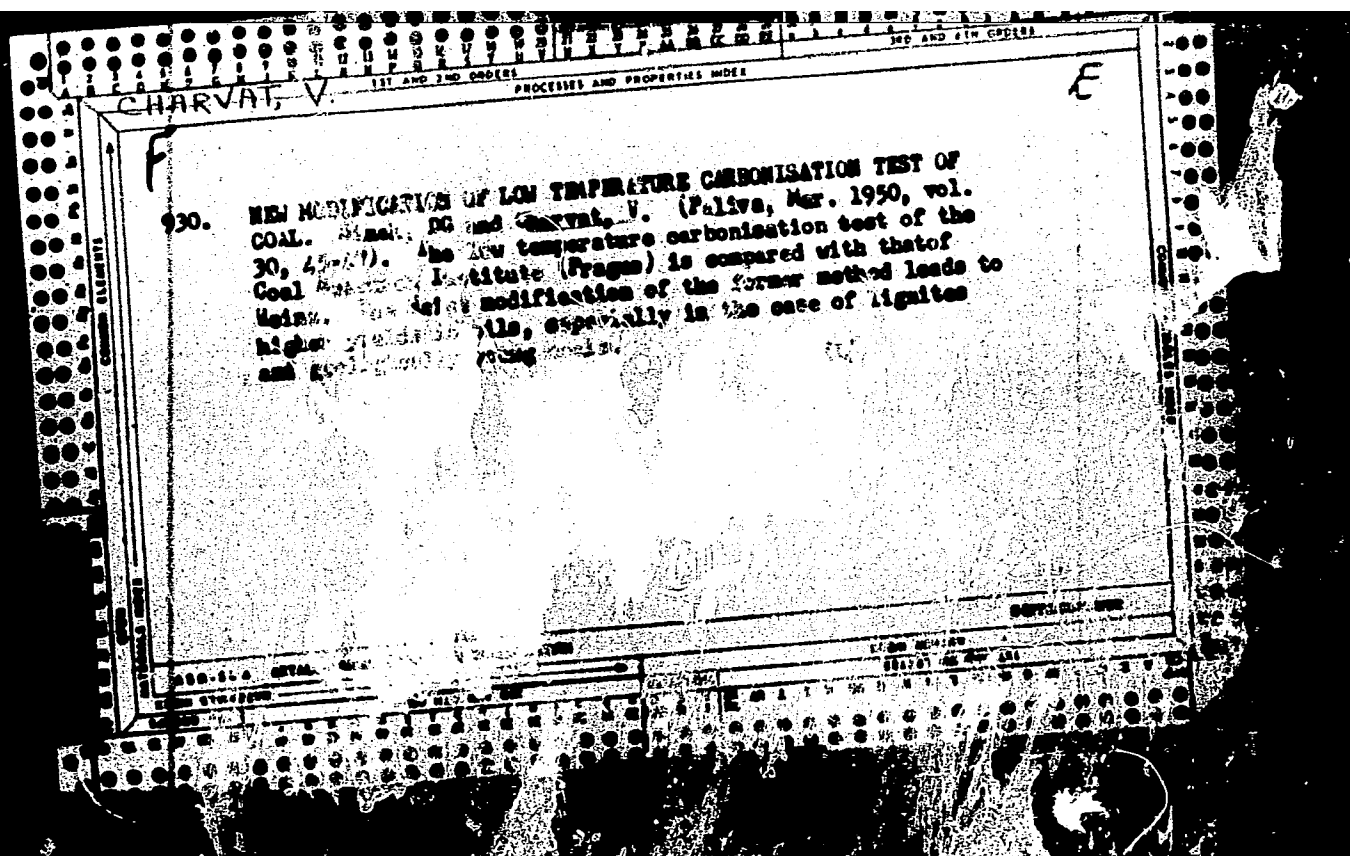
Contribution to the diagnosis of fibrous dysplasia of the bone.
Cesk.rentg.14 no.6:400-405 D' 60.

1. Radiologicka klinika University Karlovy v Praze, prednosta
prof. MUDr. Vaclav Svab.
(OSTEITIS FIBROSA radiog)

BROD, J.; HORNYCH, A.; VAVREJN, B.; PRAT, V.; KOSTKOVA, B.; DEJDAR, R.;
OPPELT, A.; CHARVAT, P.

Isotope renography in the diagnosis of chronic pyelonephritis.
Rev. Czech. med. 11 no.4:213-231 '65.

1. Institute of Cardiovascular Research, Prague (Director:
Prof. J. Brod. M.D., D.Sc.).



CHARVÁT - VLADIMÍR

✓ Expansion pressure measurement by coal coking. Brětislav G. Šimek, Bohumír Fejnický, and Vladimír Charvát. *Patent 32, 64-8(1962)*.— A study was undertaken to explain coking of coals and furnish useful data for coke plants. A special device was constructed which measured expansion pressures in g./cu. cm. It was found experimentally that coal expands at the start and end of the coking operation. The greatest expansion was found with coals used for illuminating gas plants, as high as 500 g./cu. cm. 29 references. Jos. L. Jercer

FU

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CHARVAT, V.

Charvat, V.; Houdek, M. "Fundamentals of the Technique of Fluidized Layers."
p. 162 (Paliva, Vol. 33, no. 7/8, July/Aug. 1953, Praha)

SO: Monthly List of East European Accessions, Vol. 3, no. 2, Library of Congress,
Feb. 1954, Uncl.

CHARVET, VLADIMIR

CZECH

✓ Fluidized bed technique. Vladimír Charvát and Oldřich Havel. *Falco* 33, 253-3 (1953).—A simple lab. app. is described for measuring, and theories are given of the fluidized bed technique. Jos. Lederer

CHARVAT, V.

"Determining Tar-Producing Substances in Coal." p. 62, Praha, Vol. 34, no. 3, Mar. 1954.

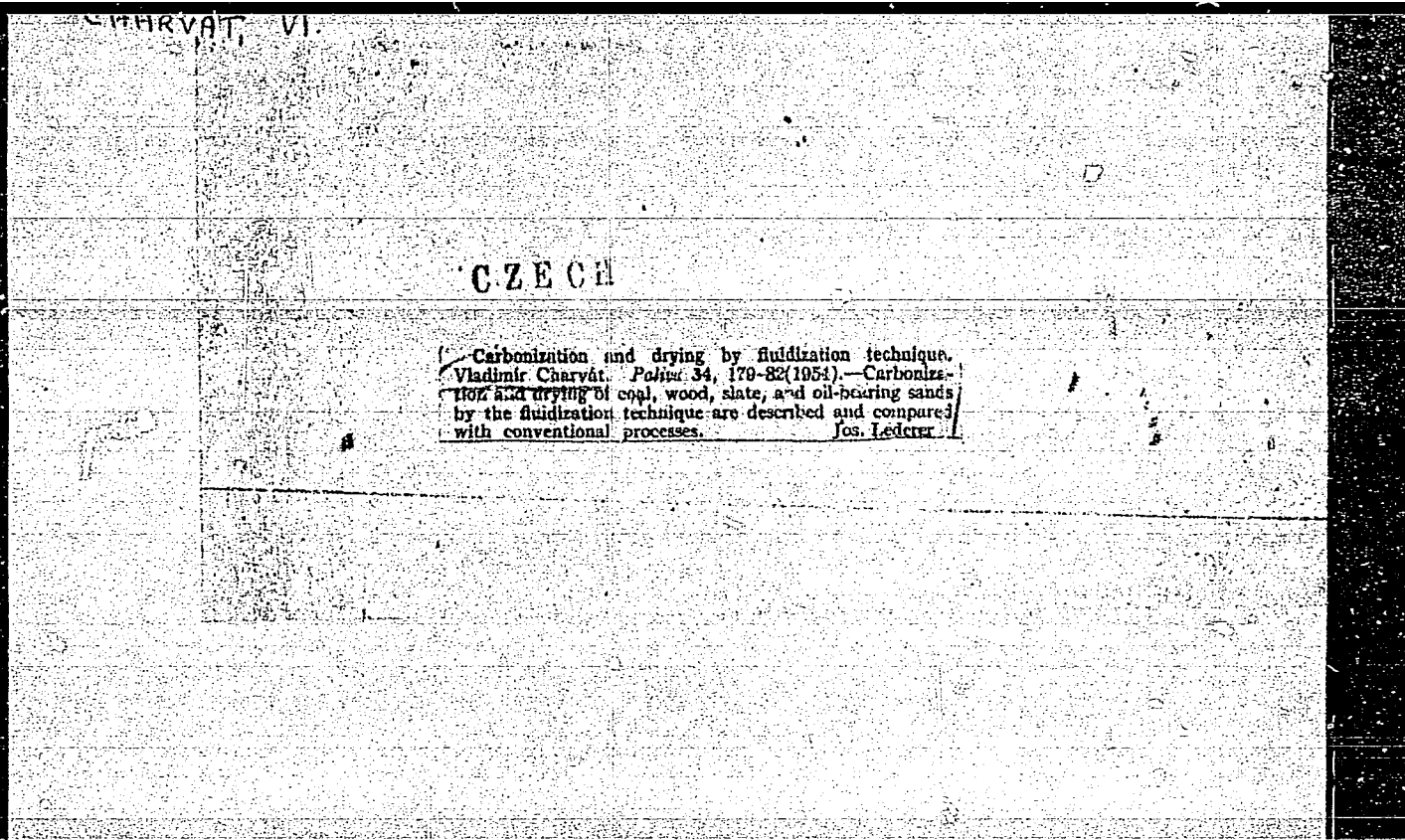
SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

CHARVAT, V.

Flotation of coal. p. 321.

UHLI, Prague, Vol. 4, no. 11, Nov. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,
June 1956, Uncl.



CHARVAT, V.; HAVEL, O.

"Technical Problems of Suspended Layers", P. 217, (PALIVA, Vol. 34, No. 8, Aug. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (REAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

CHARVAT, V.

"Remarks on the Explanation of Rittinger's Law of Precipitation", P. 217,
(PALIVA, Vol. 34, No. 8, Aug. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

CHARVAT, V.; TEJNICKY, B.

Soviet experiences and the coke industry in Czechoslovakia.
p. 287. Vol. 34, no. 11, Nov. 1954. PALIVA, Praha.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956/

CHARVAT, V.: HAVEL, O.

Calculations in the fluid technique.

p. 326

Vol. 34, no. 12, Dec. 1954

PALIA

Praha

SOURCE: East European Accessions List (EEAL), LC, VOL. 5, no. 3, March 1956

Charvat, V.

✓ The Influence of Grinding on Coke Quality. V. Charvat. ↓
(*Palica*, 1956, 36, (2), 40-43). [In Czech]. Commonly used
methods of estimating coke quality from granulometric
curves are shown to be inadequate. A simple, but in practice
sufficiently accurate method of assessing particle size dis-
tribution is recommended. This is based on the use of only
two sieves of approximately 10 and 100 mesh size respec-
tively.—P. P.

(EEAL) Library of Congress
Vol. 5, No. 8, Aug. '56

✓ Assessing the Quality of Blast-Furnace Cokes. O. Havel and
V. Charvát. (Palina, 1956, 38, (3), 82-87; (4), 110-118).
(In Czech). A survey is made of recent developments in
physical and chemical methods, and mechanical methods of
assessing coke quality are critically reviewed and likely
future developments sketched, with particular reference to
recent Soviet work. --p. r.

CHERRY, V.

1197. QUALITY OF BLAST FURNACE COKE. II. MECHANICAL TESTS. Havel, O.,
and Charvat, V. (Puliva (Fuel, Prague), Apr. 1956, vol. 36, 110-118; abstr.
in Ann. Tech. Industr. (La France Circ. bibliogr., 15 June 1956, (6), 15).
(L).

CHARVAT, V.

✓ ANALYSIS OF GRINDING OF COAL FOR CARBONIZATION. II. DISINTEGRATORS AND
HAMMER MILLS. Charvat, V. (Puliva [Pulv. Pragma], June 1956, vol. 36, no. 192). The effects of various variables on the efficiency and fineness of grinding are examined. Some of the equations were tested practically and the results are embodied in tables and graphs. The advantages of different types of plant and the steps needed for improving fineness of grinding are considered. (L).

CZECHOSLOVAKIA/Fitting Out of Laboratories. Instruments.
Their Theory, Construction, and Use.

F.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 28588

Author : Vecerikova, V., Sares, F., ~~Charvat, V.~~

Inst : -

Title : The Determination of Particle Sizes of Less Than 0.06 μ m.
II. Sedimentation Methods.

Orig Pub : Sbirka praci vyzkumn ust, 18, No 17-26, 87-109 (1957)
(in Czech with summaries in German, English, and Russian)

Abstract : In checking the sedimentation analysis (SA) methods proposed by Andreason (A), Delly (B), and Kopetskiy (C), the authors have found that methods A and C give reproducible results for the SA of barytes (I), clays (II), and cinders (III) [TN: slags?]. The dispersing medium used in method A is either water (for I) or a mixture of CCl₄ and methanol (II and III). The method B is applicable for the SA of I but gives nonreproducible results when applied to II and III.

Card 1/1

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CHARVAT, V., inz.

Coal petrography and microscopic evaluation of coal.
Paliva 41 no.6:198 Je '61.

JANDA, J.; CHARVAT, Vl.

Preparation and protection of analytical sample for determining
the coking property of coal. Paliva 42 no.9:266-268 S '62.

1. Ustav pro vyzkum paliv, Bechovice.

CHARTAT, VI., inz.

Activities of the European Economic Commission in the field
of coke production. Paliva 42 no.1:27-29 Ja '62.

1. Ustav pro vyzkum paliv, Bechovice.

CHARVAT, Václav, inž., C.Sc.

Economical use of coal in coking plants. Paliva 42 no.2:41-43
F '62.

1. Ustav pro vyzkum paliv, Bechovice.

CHARVAT, V1.

Fluidized bed carbonisation. Prace vyskum paliv 4:318-356
'62.

KUDELA, Vlastimil, kand.tekhn.nauk; ~~KHARVAT, Vladimir~~ [Charvat, V.],
kand.tekhn.nauk

Selective coal crushing. Koks i khim. no.12:7-10 '62.

(MIRA 16:1)

1. Institut po issledovaniyu topliv, Praga-Bekhovitse,
Chexoslovatskaya Sotsialisticheskaya Respublika.
(Czechoslovakia—Coal preparation)

S/068/63/000/004/001/001
A054/A126AUTHORS: Khavvat, Vladimir, Golub, Yozef

TITLE: Processing heavy hydrocarbons in coke-chemical plants

PERIODICAL: Koks i khimiya, no. 4, 1963, 14 - 18

TEXT: Tests were carried out at the Institut issledovaniya topliv ChSSR (CSSR Institute of Fuel Research) on the processing of various hydrocarbon compounds, mainly contained in distillation residues and waste (oil, tar) by adding them to the coal charge in the coking process. In general, the raw materials added had to be aromatic to a certain degree and have a density not above 5 E. The laboratory tests were carried out with 50 g coal, those on a semi-industrial scale with a 140 - 170 kg coal charge. Distillation residue, soft-coal tar and hard-coal tar were used as additives (their composition is given in a table). They considerably increased the output of gas, aromatic substances, saturated and unsaturated hydrocarbons. The best results were obtained with distillation residue, crude oil deposit and soft-coal tar. Besides the quality of the additive, the furnace temperature under the arc - that progressively increases dur-

Card 1/2

Processing heavy hydrocarbons in coke-chemical plants

S/068/63/000/004/001/001
A054/A126

ing coking - has a marked effect on the process. To check this temperature rise tests were made with injections of oil (distillation residue, motor oil and extraction benzene and their mixtures) into the arc area of the furnace, at a 130 - 180 atm pressure, during the last 2 h of the coking process. The results obtained with injection of the oil additives and those with the additives mixed in the coal charge are given. In Czechoslovakia, mixing of hydrocarbons in the coal charge is preferred to injection and is already employed in 5 plants, because it ensures a more intensive disintegration of the additive, a benzene of higher quality and a less intensive abrasion of the coke; moreover, the mixing method is simpler, less expensive and more productive than the injection method. There are 3 figures and 7 tables.

ASSOCIATION: Institut issledovaniya topliv, ChSSR (CSSR Institute of Fuel Research)

Card 2/2

CHARVAT, Vladimir, inz., CSc.

Possibility of saving power in coking plants by reducing the water content of coal. Energetika Cz 13 no.1:23-24 Ja '63.

1. Ustav pro vyzkum paliv, Bechovice.

CHARVAT, Vl., inz.

Contribution to the methods of evaluation of coke mechanical properties.
Pavlika 43 no.2:46-48 F '63.

1. Ustav pro výzkum paliv, Praha - Bechovice.

CHARVAT, Vladimir, inz., C.Sc.

Trends in coke-oven development. Paliva 43 no.3:84-85
Mr '63.

CHARVAT, Vlastislav inž., ScC.

Dressing and preparation of coal for coking. Paliva 43 no.5:
141-143 My '63.

1. Ustav pro výzkum paliv, Praha.

KUDELA, Vl., inz., CSc.; CHARVAT, Vl., inz., CSc.

Suitability of differential milling. Paliva 43 no.7:203-205
Jl '63.

1. Ustav pro vyskum paliv, Bechovice.

KABEL, K., inz.; CHARVAT, Vl., inz., CSc.

Economy in dry coal coking. Paliva 43 no.8:238-242 Ag'63

CHARVAT, Vl., inz., CSc.

Coking plant operation control by mathematical methods. Paliva 43 no.
10:301-306 0 '63.

1. Ustav pro vyzkum paliv, Bechovice.

CHARVAT, Vl., inz. CSc.

A gas coke plant in Bohemia. Paliva 44 no.5/6:140-141 My-Je '64.

1. Research Institute of Fuels, Bechovice.

CHARVAT, V., inz.

Handbook of coke chemistry" by A.K.Selkov. Pt.1. Reviewed
by V.Charvat. Paliva 45 no.4:142 Ap '65.

CZECHOSLOVAKIA / Human and Animal Morphology (Normal and Pathological). Digestive System. S

Abs Jour : Ref Zhur - Biologiya, No 4, 1959, No. 16900

Author : Charvat, Zdenek

Inst : Not given

Title : Argentophil "Insular" Cells in the Ducts of the Pancreas in the Guinea Pig

Orig Pub : Ceskosl. morfol., 1957, 5, No 3, 275-284

Abstract : No abstract given

Card 1/1

SMAREL, Jiri; CHARVAT, Miroslav

The effect of 600 r on the healing of skin defects in the rat.
Sborn. ved. prac. lek. fak. Karlov. Univ. 9 no.1:235-240 '64.

1. Katedra histologie a embryologie (prednosta: prof. MUDr. et
RNDr. V. Vrtis) Karlovy University v Hradci Kralove.

CHARVATOVA, L.

Distri: 4E26 17

✓ Röntgenography of titanium. Petr Skulari and Ludmila Charvatova. Průmysl July 10, 1958-608 (1958). Based upon systematic examn. of Ti structure with microröntgen methods, the effect was detd. of different elements on type and dimensions of lattice of α - and β -Ti. They detd. also the various effect of different elements on the deformation of Ti lattice and at the same time on its plastikal deformation. O, Ni, H, C, and Si are supposed to give the most interference. O and N cannot be removed from the lattice even with vacuum annealing. Petr Schneider

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1/1 JG

CHARVATOVA, M.

- [illegible]

CHARVATOVA, Miluse, inz.

Assembly lines in small-scale production. Podn org 19 no.1:
17-20 Ja '65.

1. Research Institute of Mechanical Engineering and Economics,
Prague.

LANDRGOT, Bohumir; VEVERKA, Miroslav; CHARVATOVA, Bozena

Experience with primary sutures of hand tendons. Acta chir. orthop. trauma. Cech. 28 no.2:122-132 Ap '62.

1. Ortopedicka klinika SFN v Pizni, prednosta doc. dr. D. Polivka.
(HAND wds & inj)

VEVERKA, Miroslav; LANDRGOT, Bohumir; CHARVATOVA, Rozena

Surgical treatment of Achilles tendon ruptures. Acta chir. orthop. trauma. Cech. 28 no.6:541-545 D '61.

1. Ortopedická klinika SFN v Písní, prednosta doc. dr. D.Polivka.
(HEEL wds & inj)

YERZINKYAN, L.A.; PAKHLEVANYAN, M.Sh.; CHARYAN, L.M.; AKOPOVA, A.B.

New nutrient media for the isolation of lactic acid bacteria.
Vop. mikrobiol. no.2:211-213 '64.

(MIRA 18:3)

YERZINKYAN, L.A.; PAKHLEVANYAN, M.Sh.; CHARYAN, L.M.

Effect of temperature, pH and NaCl on the growth of *Streptococcus*
lactis and *Str. faecalis*. Vop. mikrobiol. no.2:227-231 '64
(MIR 18:3)

CHARYGIN, A. M.

Geological and petrographical characteristics of rocks in the
Pre-Cambrian bedrock of the Tuz'masy-Aleksandrovskii region.
Trudy MIMKHIGP no.27:216-225 '60. (MIRA 13:9)
(Bashkiria--Petrology)

KNYAZEV, V.S.; CHARYGIN, A.M.; SHNIP, O.A.

Igneous rocks in the closed part of the fold basement in western
Uzbekistan. Trudy MINKHIGP no.38:69-90 '62. (MIRA 15:9)
(Uzbekistan—Rock, Igneous)

LAPINSKAYA, T.A.; CHARYGIN, A.M.

New data on the petrography of the crystal basement in the Volga
Valley portion of Volgograd Province. Trudy MINKHIGP no.43:
246-260 '63. (MIRA 17:4)

CHARYGIN, M.M.

Certain regularities in the vertical movements of the earth's crust.
Trudy MINKHIGP no.43:19-31 '63. (MIRA 17:4)

VASIL'YEV, Yu.M.; D'YAKONOV, D.I.; CHARYGIN, M.M.

Most important physical parameters of the deep-seated structures
of the Caspian Lowland. Trudy MINKHIGP no.43:178-191 '63.
(MIRA 17:4)

MIL'NICHUK, V.S.; CHARYGIN, M.M.

History of the tectonic development of Usturt. Trudy MINKH GP
no.43:316-328 '63. (MIRA 17:4)

1. CHARYGIN, M. M.
2. USSR (600)
4. Geology and Geography
7. Selected Works, I. M. Gubkin. (Volume 1, Moscow-Leningrad, Press of Acad Sci USSR, 1950). Reviewed by M. M. Charygin, Sov. Kniga, No. 10, 1951.

9. ~~SECRET~~ Report U-3081, 16 Jan. 1953, Unclassified.

CHARYGIN, M.M.

SERDIY, A.G., redaktor; STEPANYANTS, A.K., professor, redaktor; TIKHO-
MIROV, A.A., kandidat ekonomicheskikh nauk, redaktor; VINOGRADOV,
V.N., redaktor; CHERNOZHUKOV, N.I., professor, redaktor; SHCHEL -
KACHEV, V.N., professor, redaktor; CHARYGIN, M.M., professor,
redaktor; DUNAYEV, F.F., professor, redaktor; KUZMAK, Ye.M.,
professor, redaktor; MURAV'YEV, I.M. professor, redaktor;
GUREVICH, V.M., redaktor; MURATOVA, V.M., redaktor, POLOSINA,
A.S., tekhnicheskiiy redaktor.

[Sixth scientific and technical conference, 1951] Shestaia
nauchno-tekhnicheskaya konferentsiya, 1951. Moskva, Gos.nauchno
tekhn.isd-vo neftyanoi i gorno-toplivnoi lit-ry, 1952, 214 p.

(MLRA 8:10)

1. Moscow. Moskovskiy neftyanoy institut. Nauchnoye studencheskoye
obshchestvo.

(Petroleum geology)

CHARYGIN, M.M.

SERDIY, A.G., redaktor; TIKHOMIROV, A.A., kandidat ekonomicheskikh nauk, redaktor; STEPANYANTS, A.K., professor, redaktor; VINOGRADOV, V.N. redaktor; CHERNOZHUKOV, M.I., professor, redaktor; SECHENKACHEV V.N., professor, redaktor; CHARYGIN, M.M. professor, redaktor; KUZMAK, Ye.M., professor, redaktor; MURAV'YEV, I.M. professor, redaktor; GUREVICH, V.M., redaktor; MURATOVA, V.M., redaktor; TROFIMOV, A.V., tekhnicheskij redaktor.

[Seventh scientific and technical conference, 1952] Sed'maya nauchno-tekhnicheskaya konferentsiya, 1952. Moskva, Gos.nauchno tekhn.isd-vo neftianoi i gorno-toplivnoi lit-ry, 1953. 171 p.
(MLRA 8:10)

1. Moscow. Moskovskiy neftianoy institut. Nauchnoye studencheskoye obshchestvo.

(Petroleum Geology)

CHARYGIN, M.M.

ZHIGACH, K.F., professor, redaktor; STEPANYANTS, A.K., professor, redaktor; TIKHOMIROV, A.A., kandidat ekonomicheskikh nauk, redaktor; KARAPET'YAN, R.O., kandidat filosoficheskikh nauk, redaktor; CHERNOMIRYANOV, N.I., professor; YEREMOV, P.R., redaktor; GUREVICH, V.M., redaktor; NURAV'YEV, I.M., professor, redaktor; SHCHELKA-CHEN, V.N., professor, redaktor; CHARYGIN, M.M., professor, redaktor; DUMAYEV, F.P., professor, redaktor; KUZMAK, Ye.M., professor, redaktor; POLOSINA, A.S., tekhnicheskii redaktor.

[Ninth scientific and technological conference of 1954] Deviataya nauchno-tekhnicheskaya konferentsiya 1954. g. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry. 1955. 205 p. [Microfilm] (MLRA 8:9)

1. Moscow. Moskovskiy neftianyy institut. Nauchnoye studentcheskoye obshchestvo.
(Geology) (Petroleum)

CHARYGIN, M.M.

ZHIGACH, K.F., professor, otvetstvennyy redaktor; MURAV'YEV, I.M., professor, redaktor; TIKHOMIROV, A.A., kandidat ekonomicheskikh nauk, redaktor; YEGOROV, V.I., kandidat ekonomicheskikh nauk, redaktor; CHARYGIN, M.M., professor, redaktor; DUNAYEV, F.F., professor, redaktor; NAMETKIN, N.S., dotsent, redaktor; BIRYUKOV, V.I., dotsent, redaktor; YEGOROV, A.F., dotsent, redaktor; CHARNYY, I.A., professor, redaktor; CHERNOZHUKOV, P.I., professor, redaktor; KUZMAK, Ye.M., professor, redaktor; DOKHNOV, V.M., professor, redaktor; PANCHENKOV, G.M., professor, redaktor; ALMAZOV, B.A., dotsent, redaktor; TAGI'EV, E.I., redaktor; GUREVICH, redaktor; ZHIGACH, K.F., redaktor; DAYEV, G.A., vedushchiy redaktor; GERNAD'YEVA, I.M., tekhnicheskii redaktor

[The tenth scientific and technical conference, 1955] Desiataya nauchno-tekhnicheskaya konferentsiya, 1955 g. Leningrad, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, Leningradskoe otd-nie, 1956. 167 p. (MIRA 9:7)

1. Moscow. Moskovskiy neftyanoy institut. Nauchnoye studencheskoye obshchestvo
(Petroleum engineering) (Petroleum geology)

CHARTGIN, Mikhail Mikhaylovich, professor; ZUBKOV, V.V., kandidat geologo-mineral'nykh nauk, dotsent, retsenzent; KAZAKOV, M.P., redaktor; PERSHINA, Ye.G., redaktor; POLOSINA, A.S., tekhnicheskii redaktor

[General geology] Obshchaya geologiya. Moskva, Gos.nauchno-tekhn. izd-vo nef'tianoi i gorno-toplivnoi lit-ry, 1956. 392 p. [Microfilm]
(Geology) (MIRA 9:3)

CHERNOZHUKOV, N.I., prof., doktor tekhn.nauk, red.; ZHIGACH, K.F., prof.,
otvetstvennyy red.; MURAV'YEV, I.M., prof., red.; TIKHOMIROV, A.A.,
kand.ekon.nauk, red.; YEGOROV, V.I., kand.ekon.nauk, red.; CHARYGIN,
~~M.M., prof., red.~~; DUNAYEV, F.F., prof., red.; KUZMAK, Ye.M., prof.,
red.; CHARNYY, I.A., prof., red.; PANCHENKOV, G.M., prof., red.;
DAKHNOV, V.N., prof., red.; NAMETKIN, N.S., doktor khim.nauk, red.;
ALMAZOV, N.A., dots., red.; VINOGRADOV, V.N., kand.tekhn.nauk, red.;
BIRYUKOV, V.I., kand.tekhn.nauk, red.; TAGIYEV, E.I., red.; GUREVICH,
V.M., red.; ZAMARAYEVA, E.M., vedushchiy red.; MUKHINA, E.A., tekhn.
red.

[Materials of the Interuniversity Conference on Problems of New
Practices in the Petroleum Industry] Materialy mezhvuzovskogo
soveshchaniya po voprosam novoy tekhniki v neftyanoy promyshlen-
nosti. Moskva, Gos. nauchno-tekhn. izd-vo nef. i gorno-toplivnoi
lit-ry. Vol.2. [Petroleum refining] Pererabotka nef. 1958. 289 p.
(MIRA 11:6)

1. Mezhvuzovskoye soveshchaniye po voprosam novoy tekhniki v
nefityanoy promyshlennosti. 1956.
(Petroleum--Refining)

KAZAKOV, Mikhail Pavlovich; CHARYGIN, Mikhail Mikhailovich; SYKOV, Rik
Svanovich; VASIL'EV, Boris Mikhailovich; ZHAROVSKIY, Vladimir
Vyacheslavovich; SHYFUL'-AULYUKOV, Rustem Bedirovich; POLOSINA,
A.S., tekhn. red.

[Tectonics and history of the development of the Caspian Depression
and adjacent regions in connection with questions of the presence
of gas and petroleum] Tektonicheskoe stroenie i istoriya razvitiia
Prikaspiiskoi vpadiny i smeshnykh oblastei v svyazi s voprosami
neftegazonosnosti. Pod red. M.P. Kazakova i M.M. Charygina. Moskva,
Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1958.
402 p. (MIRA 11:9)

(Caspian Depression—Geology, Structural)

CHARYGIN, M.M.; REZBORODOVA, I.V.

Kolloyay sediments in the northwestern Caucasus. Izv. vys.
ucheb. zav.; geol. i razv. 1 no.7:26-31 J1 '58. (MIRA 12:8)

1. Moskovskiy neftyanoy institut im. akad. I.M. Gubkina, Kafedra
obshchey geologii.
(Caucasus, Northern--Geology, Stratigraphic)

CHARYGIN, M.M.; VASIL'YEV, Yu.M.

~~Oil prospecting in the Emba region, based on facies and thicknesses of Mesozoic sediments. Geol.nefti 2 no.9:37-44 S '58. (MIRA 11:10)~~

1. Moskovskiy ordena Trudovogo Krasnogo Znameni neftyanoy institut
im. akademika I.M. Gubkina.
(Kazakhstan--Petroleum geology)

VASIL'YEV, Yu.M.; KAZAKOV, M.P.; CHARYGIN, M.M.

Gas and oil potentials of the northern Caspian Sea region.
Izv.vys.usheb.sav.; neft' i gaz. no.7:3-9 '58'. (MIRA 11:11)

1. Moskovskiy neftyanoy institut im. akad. I.M.Gubkina.
(Caspian Sea region--Petroleum geology)
(Caspian Sea region--Gas, Natural--Geology)

3(0)

AUTHORS: Charygin, M. M., Vasil'yev, Yu. M.

SOV/20-122-5-42/56

TITLE: New Data Concerning the Stratigraphy of the Paleogene of the Buzachi Peninsula (Novyye dannyye po stratigrafii paleogena poluostrova Buzachi)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol 122, Nr 5, pp 900 - 901 (USSR)

ABSTRACT: Study of cores from numerous wells, which have been drilled in Buzachi during the last five years, have shown the presence of microfauna from the Paleocene, Eocene, and Oligocene. (The identifications of foraminifers were made by I.A. Bertel's-Uspenskaya in the Aerological Laboratory of Aerological Expedition Nr 10, All Union Aerological Trust). The Paleocene sediments grade into the overlying Lower Eocene sediments (thickness of 5-16 m) without a sharp lithologic break. Underlying the Eocene sediments is a 10-12 m thick package of strata consisting of gray-green and red-brown, sandy marl, which is characterized by a special microfauna containing several foraminifera typical of the

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Paleocene (Ref 2). Overlying the Lower Eocene is a Middle Eocene package of light gray and white marl containing grains of crystalline and flakey pyrite. Strata of the Globorotalia crassiformis zone of the northern Caucasus, as well as the "white" Mangyshlak suite (Ref 1), can be correlated on the basis of the foraminifera fauna found here. The Middle Eocene is 15-32 m thick. Sediments of the **Lower and Middle Eocene** are found in both the southern and eastern parts of the Buzachi peninsula. The most characteristic Paleogene horizon in Buzachi is a package of coffee-brown clay and marl beds containing numerous fish remains. These beds are called the Rybnaya (fish) suite and serve as a good marker horizon. The age of this horizon has been determined as Upper Eocene (Refs 1 and 2), and its thickness varies between 30 and 55 m. At the top of the Upper Eocene section is a group of light gray and yellow-white, well cemented marls, which contain grains of pyrite and bituminous material, and which are also believed

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of the Buzachi Peninsula

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to be Upper Eocene. The thickness of these beds varies between 10 and 35 m. The stratigraphic subdivision of the Paleogene of the Buzachi peninsula makes geological mapping possible and helps to locate the large anticlinal structures. This has furthered the search for oil and gas in the region. There are 2 Soviet references.

ASSOCIATION: Moskovskiy neftyanoy institut im. I. M. Gubkina
(Moscow Petroleum Institute imeni I. M. Gubkin)

PRESENTED: April 26, 1958, by S.I. Mironov, Academician

SUBMITTED: April 21, 1958

Card 3/4

VASIL'YEV, Yu.M.; KAZAKOV, M.P.; CHARYGIN, H.M.

[Tectonics, oil and gas potentials, and basic trends in geophysical investigations of the northern Caspian Sea region]
Tektonika, perspektivy gazoneftenosnosti i osnovnye napravleniia
geologo-geofizicheskikh issledovani v Severnom Prikaspii.
Moskva, Vses.nauchno-issl.in-t prirodnkh gazov, 1959. 49 p.

(MIRA 13:9)

(Caspian Sea region--Petroleum geology)
(Caspian Sea region--Gas, Natural--Geology)

~~CHARYGIN, Mikhail Mikhailovich~~, prof.; KHAIN, V.Ye., prof., doktor geologo-mineralog.nauk, retsentsent; ZUBKOV, V.V., red.; PERSHINA, Ye.G., vedushchiy red.; POLOSINA, A.S., tekhn.red.

[General geology] Obshchaya geologiya. Izd.2., perer. i dop.
Moskva, Gos.nauchno-tekhn.isd-vo neft. i gorno-toplivnoi lit-ry,
1959. 390 p. (MIRA 12:10)

(Geology)

3(5)

AUTHORS:

Charygin, M. M., Bezborodova, I. V.

SOV/20-125-4-53/74

TITLE:

A Contribution to the History of the Geological Development of the Interfluvial Area Pshekha - Kuban' in the North Caucasus During the Upper Jurassic (K istorii geologicheskogo razvitiya mezhdurech'ya Pshekha-Kuban' na Severnom Kavkaze v verkhney-urskoye vremya)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol. 125, Nr 4, pp 876 - 879 (USSR)

ABSTRACT:

In the region mentioned in the title three lithological-stratigraphic complexes Callovian, Oxfordian, and Kimeridgian-Tithonian can be separated. On the strength of borings and prospecting the authors drew certain conclusions concerning the distribution of thickness and facies for each of the mentioned complexes. Maps were designed with the aid of the references 1 and 2. During the Callovian time a vast downwarping zone lay in the region of the recent monoclinial of the northern slope. The axis of the downwarping ran in a more northern direction than the recent exposures of the Upper Jurassic sediments, i. e. Subcaucasian. A zone of elevations lay in the north of the downwarping (clear around Kislovodsk and Cherkessk, but as well

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A Contribution to the History of the Geological Development of the Interfluvial Area Pshekha - Kuban' in the North Caucasus During the Upper Jurassic SOV/20-125-4-53/74

existing farther to the northwest). Apparently a second downwarping existed in the region of the recent Belomechetskaya synclinal, in the north of the mentioned elevations. A zone of relative elevations existed in the region of the recent Maikop projection. The western range of this elevation was complicated by a system of meridional faults (V. Ye. Khain, lecture held in Moskovskoye obshchestvo ispytateley prirody - Moscow Association of Naturalists, May 24, 1957). By means of these faults the Maikop projection was linked to the southwestern downwarping (sochleneniye - flexible link). Here the downwarping during the Callovian time had its greatest extent. From the facial point of view the Callovian sediments are almost everywhere represented by deposits of the littoral and shallow part of the sea. An exception is the southwestern downwarping in which apparently deep waters existed. The northern boundary of the Callovian sea was a region of erosion which belonged to the recent Ciscaucasia. The boundary of this continent had its vastest southward extension in the region of the Mineralovodskiy elevation. The southern boundary of the Callovian waters was an erosion region to which the entire central part of the

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Great Caucasus and the axial part of the main chain belonged (Refs 3,5). This is confirmed by the authors (Fig 1). The geotectonic plan from the Callovian time was preserved during the Oxfordian time. Only the coast lines of the waters were changed. The southern continent which was perhaps a "low" one apparently did not exercise an influence. Therefore, almost no terrigenous material came from there. It is possible that the two continental parts were joined thus isolating the waters in question from the open sea of East Caucasia (Fig 2). Thus, the rather considerable pre-Callovian movements do not lead to a change of the hitherto existing plan, compared with the Lower- and Middle Jurassic time. The aforesaid separated geotectonic elements were passed to the next stage and developed in the course of the whole later history of the region. There are 3 figures and 5 Soviet references.

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A Contribution to the History of the Geological Development of the Interfluvial Area Pshekha - Kuban' in the North Caucasus During the Upper Jurassic SOV/20-125-4-53/74

ASSOCIATION: Moskovskiy neftyanoy institut im. I. M. Gubkina
(Moscow Petroleum Institute, imeni I. M. Gubkin)

PRESENTED: November 15, 1958, by S. I. Mironov, Academician

SUBMITTED: November 14, 1958

Card 4/4

ZHIGACH, K.F., prof., otv.red.; MURAV'YEV, I.M., prof., red.; TIKHOMIROV, A.A., kand.ekonom.nauk; red.; VINOGRADOV, V.N., kand.tekhn.nauk, red.; SIDORENKO, N.V., red.; BRENTS, A.D., red.; CHARYGIN, M.M., prof., red.; DUNAYEV, F.F., prof., red.; CHARNYY, I.A., prof., red.; CHERNOZHUKOV, N.I., prof., red.; KUZMAK, Ye.M., prof., red.; DAKHNOV, V.M., prof., red.; PANCHENKOV, G.M., prof., red.; NAMSTKIN, N.S., prof., red.; TAGIYEV, E.I., prof., red.; BIRYUKOV, V.I., kand.tekhn.nauk, red.; YEGOROV, V.I., kand.tekhn.nauk, red.; ALMAZOV, M.A., dotsent, red.; GUREVICH, V.M., red.; ISAYEVA, V.V., vedushchiy red.; POLOSINA, A.S., tekhn.red.

[Development of the gas industry of the U.S.S.R.; from the proceedings of the Interuniversity Scientific Conference on the Problems of the Gas Industry] Meshvuzovskaya nauchnaya konferentsiya po voprosam gazovoi promyshlennosti. Razvitie gazovoi promyshlennosti SSSR; materialy. Moskva, Gos.nauchno-tekhn.izd-vo nef. i gorno-toplivnoi lit-ry, 1960. 405 p. (MIRA 13:11)

1. Meshvuzovskaya nauchnaya konferentsiya po voprosam gazovoy promyshlennosti. 2. Glavgas SSSR (for Brents). 3. Moskovskiy institut neftekhimicheskoi i gazovoi promyshlennosti im. akad.Gubkina (for Charygin, Charnyy).

(Gas industry)

S/009/60/000/008/001/005
B027/B076

AUTHORS: Charygin, M. M., Kazakov, M. P., Vasil'yev, Yu. M.

TITLE: Methods of geological prospecting in the Caspian depression

PERIODICAL: Geologiya nefti i gaza, no. 8, 1960, 1-7

TEXT: The Caspian depression belongs to one of the largest oil and gas-bearing regions of the USSR which even according to the most modest calculations (I. M. Gubkin, I. O. Brod, V. M. Sernyukov, and others) of the ascertained and estimated oil and gas reserves occupies a very important place. During the current Seven-year Plan the prospecting work must therefore above all be concentrated there. The search for Mesozoic oil occurrences in salt domes and for Paleozoic oil in the South Embensk zone was not very successful; in the latter region because the opinion of G. E.-A. Aizenshtadt, S. M. Koltypin, N. K. Trifonov, V. S. Dneprov, and others that this zone belongs to the Russian Plateau was incorrect and only massive Carboniferous and Devonian beds were found in the Paleozoic. Prospecting has therefore to be directed to the central parts

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of the northern Caspian region, where two oil and gas-bearing main complexes stand out, in the Mesozoic and Upper Paleozoic; in the region between Ural and Volga the uppermost Tertiary complex may also be of interest. In these central regions the discovery of highly productive gas and gas condensate occurrences of good quality is most probable; this is of special importance as they are located in the vicinity of the industrial centers in Ural, the Volga region, and Donbass. The search for oil and gas is particularly interesting in the Aralsor zone at a distance of only 230-260 km from the large gas fields of Korobkovsk and Stepnovsk. Experience shows that important deposits are accompanied by large elevations of plateau type; such structures are most likely to be found in subsalt deposits of the central part of Severnyy Prikaspiy. The geological and geophysical research will have to include the following work: 1) Geological survey on a scale 1 : 200.000, 2) gravimetric survey on a scale 1 : 200.000, 3) a network of trial drilling, 4) seismic profile explorations, accompanied by structure drilling, 5) trial drilling to a great depth, 6) scientific research work. New drillings must reach a depth of 4500-5000 m in order to obtain at least

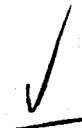
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a small network of trial cross sections. One of the most important conditions for a prediction of oil and gas occurrences in an area is the determination of the tectonic structure of the respective territory. For successful production of oils and gas reserves in the Caspian depression the practical introduction of trial drilling to a depth of 5000-7000 m will play a decisive part. Such drilling is economical, because deep seated oil and gas-bearing horizons are highly productive, and contain gas and condensate of good quality. There are 2 figures.

ASSOCIATION: MINKh i GP im. Gubkina (Moscow Institute of Petrochemical and Gas Industry im. Gubkin)



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S/011/60/000/007/002/002
A054/A129

AUTHORS: Kazakov, M. P., Charygin, M. M., Bykov, R. I., Vasil'yev, Yu. M.,
Znamenskiy, V. V., Seyful'-Mulyukov, R. B.

TITLE: Comment on the review by G. Ye.-A. Ayzenshtadt, S. N. Koltypin,
and N. K. Trifonov on the book "Tectonic Structure and Evolution
History of the Pre-Caspian Lowland and Neighboring Areas With Ref-
erence to Their Oil and Gas Deposits"

PERIODICAL: Akademiya nauk SSSR. Izvestiya, seriya geologicheskaya, no. 7, 1960,
89 - 94

TEXT: M. P. Kazakov's book referred to in the title was reviewed in Izves-
tiya akademii nauk SSSR, seriya geologicheskaya, 1960, no. 4, by G. Ye.-A. Ayzen-
shtadt, S. N. Koltypin and N. K. Trifonov. The review contains several mis-state-
ments which are refuted one by one by the authors of the book in question. As
distinct from Ayzenshtadt's review, the book contains the first maps of the facial
complexes and layer thicknesses for the entire Caspian Lowland, mainly for the
Jurassic system, and it covers a very large territory unknown until now. Contrary
to the book by Ayzenshtadt et al., in which some parts of the Caspian area are

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A054/A129

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dealt with only, Kazakov's book covers a much wider area and describes not only the thickness but also the facies of the entire Jurassic system. Based on an abundance of material, maps for extensive structures, such as those of Novobogata, the Sagiz Highland, the Emba valley, etc. are published for the first time in geological literature. Ayzenstadt's review criticizes the accuracy of the definition given for the thickness of the mesozoic stratigraphic complexes and mentions 5 points which are inaccurate. These 5 points, however, cannot be considered decisive in a series of tests covering 6,211 measurements, but Kazakov even succeeds in defending the accuracy of the five results objected to in the review. Of the statements made by Ayzenstadt and his co-reviewers those referring to the Southern Emba plateau are the most important in connection with prospecting for oil and gas in this area. The review questions the data published in the book by Kazakov on the folded structures in the area referred to. However, by 10 deep drillings carried out recently, dislocated and metamorphic sediments of the paleozoicum were surveyed so that the statements contained in the book reviewed are fully confirmed. The data referring to the thickness of the Lower Carbon (more than 2,000 m) and of the Carbon (in total more than 2,500 m) were not correct, according to Ayzenstadt et al. However, the actual values obtained for this carbon layer are the following

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A054/A129

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for the Upper Carbon: 422m, for the Medium Carbon: 490 m, for the Lower Carbon bed 1,429 m. Thus the entire depth of the carbon layers thus far established totals 2,341 m and this figure still does not represent the total thickness of the Carbon bed. Similarly, all the other criticism put forward by the review is refuted by the authors of the book, not only with the aid of their own material, but also with reference to other books and especially to the surveys and studies carried out by the Vsesoyuznyy aerogeologicheskii trest (All-Union Aerogeologic Trust) and the Vsesoyuznyy neftyanoy geologo-razvedochnyy institut (All-Union Oil-Geologic Prospecting Institute). There are 11 Soviet-bloc references.



Card 3/3

VASIL'YEV, Yu.M.; CHARYGIN, M.M.

Prospects for extra deep drilling. Izv. vys. ucheb. zav.; neft'
i gas 4 no.4:123-127 '61. (MIRA 15:5)

1. Moskovskiy institut neftekhimicheskoy i gasovoy promyshlennosti
imeni akademika I.M.Gubkina.

(Oil well drilling)

SATPAYEV, K.I., glav. red.; KUSHEV, G.L., zam. glav. red.; MATVEYEV, A.K., red.; CHARYGIN, M.M., red.; NESTEROVA, I.I., red.; ALFEROVA, P.F., tekhn. red.

[Coal geology; a collection dedicated to the memory of the Aleksandr Aleksandrovich Gaydov] Voprosy geologii uglia; sbornik, posviashchennyi pamiati geologa Aleksandra Aleksandrovicha Gaydova. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 173 p. (MIRA 15:10)

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata. Institut geologicheskikh nauk.

(Coal geology)

VASIL'YEV, Yuriy Mikhaylovich; OBYADCHIKOV, Oleg Sergeyevich;
CHARYGIN, M.M., doktor geol.-miner. nauk, prof., red.;
DEMENT'YEVA, T.A., ved. red.; POLOSINA, A.S., tekhn. red.

[Outlook for finding oil and gas in the Pliocene sediments
of the Caspian Lowland] Perspektivy gazoneftenosnosti plio-
tsenovykh otlozhenii Prikaspiiskoi vpadiny. Pod red. M.M.
Charygina. Moskva, Gostoptekhizdat, 1962. 179 p.

(MIRA 15:10)

(Caspian Lowland--Petroleum geology)
(Caspian Lowland--Gas, Natural--Geology)

VASIL'YEV, Yu. M.; KAZAKOV, M. P.; CHARYGIN, M. M.

Prospects of extra-deep drilling in the Caspian Lowland. Rasved.
1 okh. nedr 28 no.5:4-6 My '62. (MIRA 15:10)

1. Moskovskiy institut neftekhimicheskoy i gasovoy promyshlennosti
im. akademika Gubkina.

(Caspian Lowland--Boring)

BUYALOV, N.I.; VASIL'YEV, V.G.; YEROFEYEV, N.S.; KALININ, N.A.;
KLESHCHEV, A.I.; KUDRYASHOVA, N.M.; L'VOV, M.S.; SIMAKOV,
S.N.; YELIN, N.D., nauchnyy red.; CHARYGIN, M.M., nauchnyy
red.; TOKAREVA, T.N., ved. red.; MITROFANOVA, G.M., tekhn.
red.

[Method for evaluating the prospective oil and gas reserves]
Metodika otsenki prognosnykh zapasov nefi i gaza. Lenin-
grad, Gostoptekhzdat, 1962. 81 p. (MIRA 16:3)
(Petroleum geology) (Gas, Natural—Geology)

VASIL'YEV, Yu.M.; MIL'NICHUK, V.S.; CHARYGIN, M.M.

Method for the geological study of closed areas of the Ust-Urt
and Caspian Sea region. Sov.geol. 5 no.8:135-139 Ag '62.

(MIRA 15:9)

(Ust-Urt--Geology, Structural--Maps)

(Caspian Sea region--Geology, Structural--Maps)

CHARYGIN, Mikhail Mikhailovich; VASIL'YEV, Yuriy Mikhailovich;
MIL'NICHUK, V.S.; KHAKIMOV, G.Kh.; DZHULAMANOV, K.D.;
ALIYEV, T.U.; BOGACHEVA, N.G., ved. red.; STAROSTINA,
L.D., tekhn. red.

[Geology and prospects for finding oil and gas in the Aral-
Caspian region] Geologiya i perspektivy neftegazonosnosti
Aralo-Kaspiiskogo regiona. Moskva, Gostoptekhizdat, 1963.
286 p. (MIRA 17:1)

CHARYGIN, Mikhail Mikhailovich, prof.; TOLSTOY, M.P., prof., doktor
geol.-miner. nauk, retsenzent; BEKMAN, Yu.K., ved. red.;
YAKOVLEVA, Z.I., tekhn. red.

[General geology] Obshchaia geologiya. Izd.3., perer. i
dop. Moskva, Gostoptekhnizdat, 1963. 376 p.

(MIRA 16:12)

(Geology)

KALAMKAROV, L.V.; VASIL'YEV, Yu.M.; CHARYGIN, M.M.

Distribution of petroleum and gas in salt dome regions. Geol.
nefti i gaza 7 no.3:23-31 Nr '63. (MIRA 16:4)

(Petroleum geology)
(Gas, Natural—Geology)
(Salt domes)

VASIL'YEV, Yu.M.; GIBSHMAN, N.B.; KAN, Ye.K.; KOPTEL'TSEV, A.A.;
LI, K.A.; CHARYGIN, M.M.

Initial results of super-deep drilling in the Caspian Lowland.
Trudy MINKHGP no.43:213-217 '63. (MIRA 17:4)

CHARYGIN, M. M.; VASIL'YEV, Yu. M.; KALAMKAROV, L. V.

"Some peculiarities of oil and gas distribution in salt domes of the world."

report submitted for 22nd Sess, Intl Geological Cong, New Delhi, 14-22 Dec 1964.

CHARYGIN, Mikhail Mikhaylovich, doktor geol.-miner. nauk;
VASIL'YEV, Yuriy Mikhaylovich, kand. geol.-miner. nauk;
KALAMKAROV, L.V.; MIL'NICHUK, V.S.; SKVORTSOV, I.I.;
BOGACHEVA, N.G., ved. red.

[Regularities in the distribution of oil and gas in the
Caspian Lowland] Zakonomernosti raspredolenia nefi i ga-
za v Prikaspiiskoi vpadine. [By] M.M.Charygin i dr. Mo-
skva, Izd-vo "Nedra," 1964. 254 p. (MIRA 17:7)

DIANOV, A.N.; YEDRENKIN, S.S.; CHARYGIN, M.M.

Reservoir rock properties and oil potential of the carbonate
sediments of the Bashkirian stage of the Mogutovo and Tverdilovo
areas of the Samarkin dislocation. Geol. i geofiz. no.5:56-57 '64.
(MIRA 17:9)

1. Moskovskiy ordena Trudovogo Krasnogo Znameni institut
neftekhimicheskoy i gazovoy promyshlennosti im. akad. Gubkina.

TROFIMUK, A.A., otv. red.; MAKSIMOV, S.P., zam. otv. red.;
GABRIL'YAN, A.M., red.; SIMAKOV, S.N., red.; CHARYGIN,
M.M., red.

[Petroleum geology] Geologiya nefi. Moskva, Nauka,
1964. 399 p. (Its: Doklady sovetskikh geologov. Problema 1)
(MIRA 18:2)

1. Natsional'nyy komitet geologov Sovetskogo Soyuza.

CHARYGIN, M.M.; RYABUKHIN, C.Ye.; VASIL'YEV, Yu.M.

Problem in gas and oil content in the subsalt formations in the
U.S.S.R. Geol. nefli i gaza 9 no.1:28-31 Ja '65.

(MIRA 18:3)

1. Moskovskiy ordena Trudovogo Krasnogo Znameni Institut
neftekhimicheskoy i gazovoy promyshlennosti im. akad. Gukina.

BOGACHEVA, M.I.; VASIL'YEV, Yu.M.; PROSHLYAKOV, B.K.; CHARYGIN, M.M.;
SHLEYFER, A.G.

Unique Triassic cross section in the Aralsorsk extra-deep
borehole (Caspian Lowland). Dokl. AN SSSR 165 no.3:629-632
N '65. (MIRA 18:11)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlen-
nosti im. I.M. Gubkina. Submitted May 27, 1965.

L 05343-67 EWT(1) FDN/GW

ACC NR: AP7000247

SOURCE CODE: UR/0020/66/168/004/0871/0873

AUTHOR: Vasil'yev, Yu. M.; D'yakanov, D. I.; Charygin, M. N.

ORG: Moscow Institute of Petroleum Chemistry and Gas Industry im. I. M. Gubkin
(Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti)

TITLE: Temperature of the deep layers of the Caspian Depression on the basis of data from the Aral-Sor Superdeep Borehole

SOURCE: AN SSSR. Doklady, v. 168, no. 4, 1966, 871-873

TOPIC TAGS: geophysics, thermogram

ABSTRACT: The authors present the first results of geothermal investigations made in the Aral-Sor superdeep borehole which is being drilled in the Caspian depression. The data are as follow:

<u>Depth, m</u>	<u>Temperature, °C</u>
500	27
1,000	40
2,000	56
3,000	71
4,000	87
5,000	123
5,941	150

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L 05343-67

ACC NR: AP7000247

The analysis of geothermograms revealed that the sedimentary complex in the depression consists of deposits which differ in thermal properties; there are many layers which differ in lithological composition and heat conductivity. This paper gives full details on the geothermal gradient for each of the stratigraphic components of the geological cross section. This paper was presented by Academician D. I. Shcherbakov on 6 January 1966. [JPRS: 37,058]

SUB CODE: 08 / SUBM DATE: 06 Jan 66

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